

USANS One-Day Tutorial
Complex Fluids on BT5-USANS at the NCNR
February 25th 2009

Schedule

	Group A	Group B
9:00 am	Coffee and Welcome	
9:15 am	Introduction to USANS A. Jackson Details of the USANS instrument, differences from SANS and some examples of scientific problems employing USANS.	
9:45 am	Micellar Gels S. Kline A look at the science behind the samples that you will be studying during the tutorial.	
10:00 am	Break	
10:30 am	Data Reduction and Analysis Overview A. Jackson Introduction to the reduction and analysis of USANS data.	Instrument Hands-On and Tour of C100 J. Barker & D. Mildner A hands-on introduction to the USANS instrument and setting up and experiment.
11:00 am	Data Reduction and Analysis Hands-On A. Jackson & S. Kline Reduction and analysis of scattering data obtained from micellar gels.	
12:30 pm	Lunch @ NIST Cafeteria	
2:00 pm	Applications of USANS to the Coatings Industry A. Nakatani Rohm and Haas	
2:30 pm	Instrument Hands-On and Tour of C100 J. Barker & D. Mildner A hands-on introduction to the USANS instrument and setting up and experiment.	Data Reduction and Analysis Overview A. Jackson Introduction to the reduction and analysis of USANS data.
3:00 pm		Data Reduction and Analysis Hands-On A. Jackson & S. Kline Reduction and analysis of scattering data obtained from micellar gels.
4:30pm	End	